In the Claims:

- (Currently Amended) A planar antenna assembly for use in two different frequency bands, the planar antenna assembly comprising:
 - a printed circuit board having a ground plane and rf circuitry thereon;
 - a patch antenna spaced from the ground plane, the patch antenna not having any slot; and
- a feed for coupling the patch antenna to the rf circuitry, the feed comprising components that are physically attached to a main surface of the patch antenna, the components for reactively tuning the patch antenna by tuning a first frequency inductively and a second frequency capacitively, the first frequency being lower than the second frequency; and
- a shorting tab electrically connected between the ground plane and the patch antenna, wherein the shorting tab electrically connects to the patch antenna adjacent to a connection point of the feed, the shorting tab performing an impedance transformation.
- (Previously Presented) The antenna assembly as claimed in claim 1, wherein the components comprise a series connected, parallel L-C network.
- (Currently Amended) A communications apparatus comprising:
 - a housing;
- a printed circuit board (PCB) within the housing, the printed circuit board having a ground plane and rf circuitry disposed thereon;
- a planar antenna within the housing spaced from the ground plane, the planar antenna not having any slot;
 - a dielectric between the PCB and the planar antenna; and

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a feed coupling the planar antenna to the rf circuitry, the feed comprising components that are physically attached to a main surface of the planar antenna, the components for reactively tuning the planar antenna by tuning a first frequency inductively and a second frequency capacitively, the first frequency being lower than the second frequency; and

a shorting tab electrically connected between the ground plane and the planar antenna, wherein the shorting tab electrically connects to the planar antenna adjacent to a connection point of the feed, the shorting tab performing an impedance transformation.

- (Previously Presented) The apparatus as claimed in claim 3, wherein the components are located adjacent the dielectric.
- (Canceled)
- (Previously Presented) The apparatus as claimed in claim 3, wherein the planar antenna is a planar inverted-L antenna (PILA).
- (Previously Presented) The apparatus as claimed in claim 3, wherein the components comprise a series connected, parallel L-C network.
- (Previously Presented) The apparatus as claimed in claim 3, wherein the components comprise a transmission line.
- (Currently Amended) An rf module comprising:
 - a printed circuit board (PCB) having a ground plane and rf circuitry thereon;
 - a planar antenna spaced from the ground plane, the planar antenna not having any slot;

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- a dielectric in a space between the PCB and the planar antenna; and
- a feed coupling the planar antenna to the rf circuitry, the feed comprising components that are physically attached to a main surface of the planar antenna, the components for reactively tuning the planar antenna by tuning a first frequency inductively and a second frequency capacitively, the first frequency being lower than the second frequency: and

a shorting tab electrically connected between the ground plane and the planar antenna, wherein the shorting tab electrically connects to the planar antenna adjacent to a connection point of the feed, the shorting tab performing an impedance transformation.

- (Previously Presented) The module as claimed in claim 9, wherein the components are located adjacent the dielectric.
- (Previously Presented) The module as claimed in claim 9, wherein the components comprise a series connected, parallel L-C network.
- 12-13 (Canceled)
- 14. (Previously Presented) The apparatus as claimed in claim 3, wherein the dielectric is air.
- (Canceled)
- 16. (Previously Presented) The module as claimed in claim 9, wherein the dielectric is air.
- (Currently Amended) A planar antenna assembly comprising:
 a printed circuit board having a ground plane and rf circuitry thereon;

a planar antenna that it is spaced from the ground plane; and

a feed for coupling the planar antenna to the rf circuitry, the feed comprising components for reactively tuning the planar antenna by tuning a first frequency inductively and a second frequency capacitively, the first frequency being lower than the second frequency, the components being physically attached to a main surface of the planar antenna; and

a shorting tab electrically connected between the ground plane and the planar antenna, wherein the shorting tab electrically connects to the planar antenna adjacent to a connection point of the feed, the shorting tab performing an impedance transformation.

- (Previously Presented) The antenna assembly as claimed in claim 17, wherein the components comprise a series connected, parallel L-C network.
- 19. (Previously Presented) The antenna assembly as claimed in claim 1, wherein the components are physically located between the patch antenna and the ground plane.
- (Currently Amended) The apparatus as claimed in claim 3, wherein the components are
 physically located between the patch planar antenna and the ground plane.
- (Currently Amended) The module as claimed in claim 9, wherein the components are
 physically located between the patch planar antenna and the ground plane.
- 22. (Previously Presented) The antenna assembly as claimed in claim 17, wherein the components are physically located between the planar antenna and the ground plane.

- 23. (Previously Presented) The apparatus as claimed in claim 3, wherein the components are surrounded by the dielectric.
- 24. (Previously Presented) The module as claimed in claim 9, wherein the components are surrounded by the dielectric.